

# RESERVE COPY

## PATENT SPECIFICATION



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### PROVISIONAL SPECIFICATION

#### Improvements in and relating to Nasal Douches

I, HAYDEN THOMAS CATTANACH, a British Subject, of "Elvan", Esplanade Avenue, Porthcawl, Glam., do hereby declare the nature of this invention to be as follows:—

This invention relates to nasal douches, and it is an object of the invention to provide a douche of simple and light construction which can be supported on the body of the user when in use.

According to the present invention, the nasal douche comprises two tubes supported on a band or strap adapted to be detachably fastened to the head of the user, the ends of the tubes adjacent to the band or strap being adapted to be inserted into the nostrils, while the other ends are adapted to dip into a suitable liquid which is drawn up, by suction, through the tubes into the nostrils and evacuated through the mouth. The band is preferably provided with a resilient pad, for

example sponge rubber, which bears on the outside of the nose when the band is in position.

The tubes may be made of rubber or other flexible material and be provided with bulbous or other suitably shaped ends for insertion into the nostrils. The band or strap may comprise a one-piece elastic strip which is expanded to fit over the head of the user. Alternatively, a two-part strap of elastic or non-elastic material may be provided, the two parts being detachably fastened together round the head of the user by any suitable fastening device. The nose pad is preferably shaped to form a comfortable fit over the outside of the nose.

Dated this 22nd day of August, 1939.

ABEL & IMRAY,

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London, W.C.2.

### COMPLETE SPECIFICATION

#### Improvements in and relating to Nasal Douches

I, HAYDEN THOMAS CATTANACH, a British Subject, of "Elvan", Esplanade Avenue, Porthcawl, Glam., do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to nasal douches, and it is an object of the invention to provide a douche of simple and light construction which can be supported on the body of the user when in use.

According to the present invention, the nasal douche comprises two tubes supported on a band or strap adapted to be detachably fastened to the head of the user, the ends of the tubes adjacent to the band or strap being adapted to be inserted into the nostrils, while the other ends are adapted to dip directly into a suitable liquid which is drawn up, by suction, through the tubes into the nostrils and evacuated through the mouth. The band is preferably provided with a resilient

pad, for example sponge rubber, which bears on the outside of the nose when the band is in position.

The tubes may be made of rubber or other flexible material and be provided with bulbous or other suitably shaped ends for insertion into the nostrils. The band or strap may comprise a one-piece elastic strip which is expanded to fit over the head of the user. Alternatively, a two-part strap of elastic or non-elastic material may be provided, the two parts being detachably fastened together round the head of the user by any suitable fastening device. The nose pad is preferably shaped to form a comfortable fit over the outside of the nose.

Although the invention has been described in connection with the use of two tubes, that is one for each nostril, it is clear that one tube only might be employed of which one end might be inserted in turn in each of the two nostrils.

One form of construction of the inven-

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tion is illustrated in the annexed drawings, in which:—

Fig. 1 is a perspective view, and

Fig. 2 is a plan view on a larger scale.

5 In these drawings, *a* is a one-piece rubber band of substantial width and adapted to fit closely around the head of the user. A resilient pad *b* of sponge rubber is secured by adhesive to the inner  
10 surface of the band *a*, and is adapted to bear against and grip the nose of the user.

A rubber washer *c* is secured to the outside of the band. The parts *a*, *b* and *c* are  
15 each provided with two holes for the passage of two flexible rubber tubes *d*, one end of each tube being, during use of the device, inserted in a nostril, whilst the other end of each tube dips into a  
20 container (not shown) of antiseptic liquid. The tube ends that enter the nostrils are of enlarged conical shape as shown at *d'*.

25 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to

be performed, I declare that what I claim is:—

1. A nasal douche comprising one or more tubes, one end of tube being, when in use, inserted in a nostril of the user 30 and the other end of such tube or tubes being adapted to be inserted directly into a liquid container, the tube or tubes being secured to a support carried by the head of the user. 35

2. A nasal douche according to Claim 1, in which the support for the tube or tubes is in the form of an elastic band provided with a resilient pad adapted to bear against the outside of the nose of the user. 40

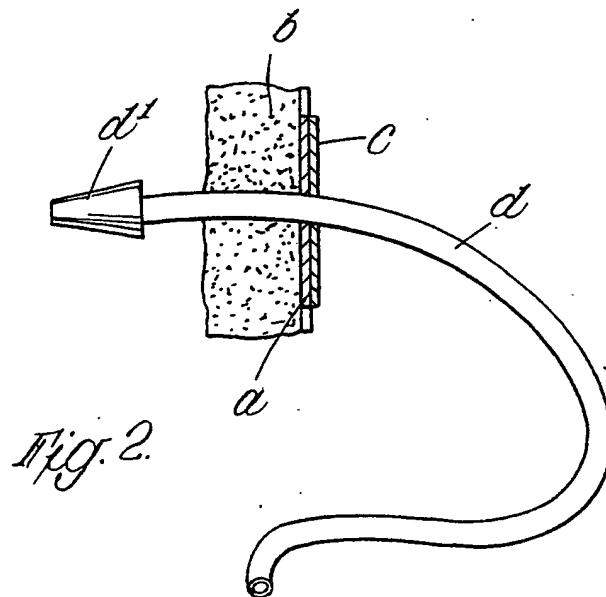
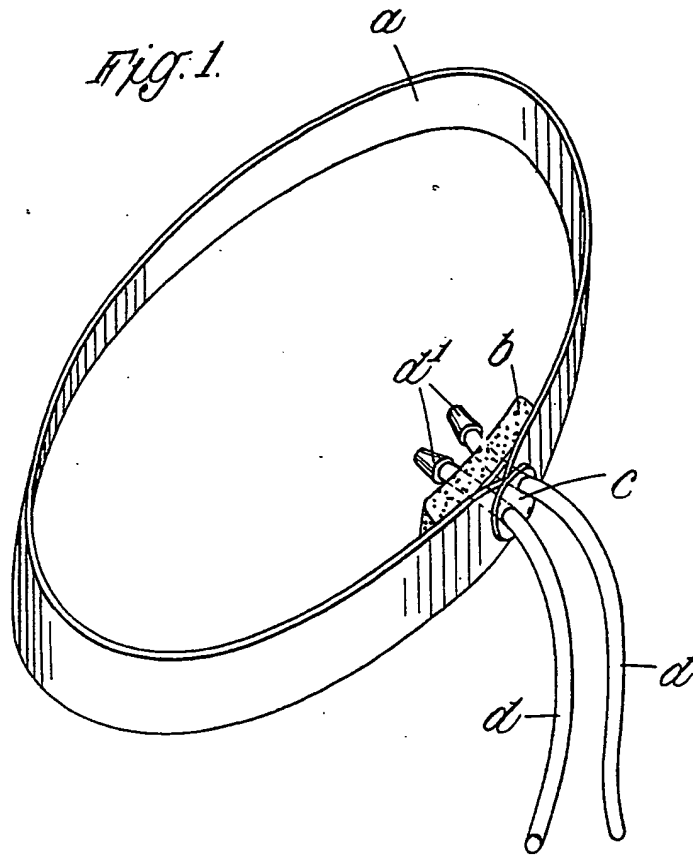
3. A nasal douche according to Claim 1, in which the tube or tubes is or are of flexible material, and provided with conical or other enlargements at the ends adapted to enter the nostrils. 45

Dated this 22nd day of August, 1940.

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[This Drawing is a reproduction of the Original on a reduced scale.]